chain nodes :
16 17 18 19 20 21 22 23 24 25 26 39 40 41 42 43 44 45 46
ring nodes :
1   2   3   4   5   6   7   8   9   10 11 12 13 14 27 28 29 30 31 32 33 34 35
36 37 38
chain bonds :
2-22 3-20 4-21 6-26 7-16 9-24 10-17 11-25 12-19 12-23 13-18 17-28 18-27
 29-40 30-39 31-44 35-42 35-45 36-41 37-46 39-43
ring bonds :
1-2 1-11 2-3 3-4 4-5 5-12 6-7 6-10 7-8 8-14 9-10 9-13 11-14 12-13
27-29 27-33 28-34 28-38 29-30 30-31 31-32 32-33 34-35 35-36 36-37 37-38
exact/norm bonds :
3-20 7-16 10-17 12-19 13-18 17-28 18-27 29-40 30-39 36-41
exact bonds :
1-2 1-11 2-3 2-22 3-4 4-5 4-21 5-12 6-7 6-10 6-26 7-8 8-14 9-10 9-13
9-24 11-14 11-25 12-13 12-23 27-29 27-33 28-34 28-38 29-30 30-31 31-32
31-44 32-33 34-35 35-36 35-42 35-45 36-37 37-38 37-46 39-43
isolated ring systems :
containing 1 : 27 : 28 :

Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom
11:Atom   12:Atom   13:Atom   14:Atom   16:CLASS   17:CLASS   18:CLASS   19:CLASS
20:CLASS   21:CLASS   22:CLASS   23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:Atom
28:Atom   29:Atom   30:Atom   31:Atom   32:Atom   33:Atom   34:Atom   35:Atom   36:Atom
37:Atom   38:Atom   39:CLASS   40:CLASS   41:CLASS   42:CLASS   43:CLASS   44:CLASS
45:CLASS   46:CLASS

L1   STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1   STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -   AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful
FULL SEARCH INITIATED 09:01:02 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1389 TO ITERATE

100.0% PROCESSED   1389 ITERATIONS   0 ANSWERS
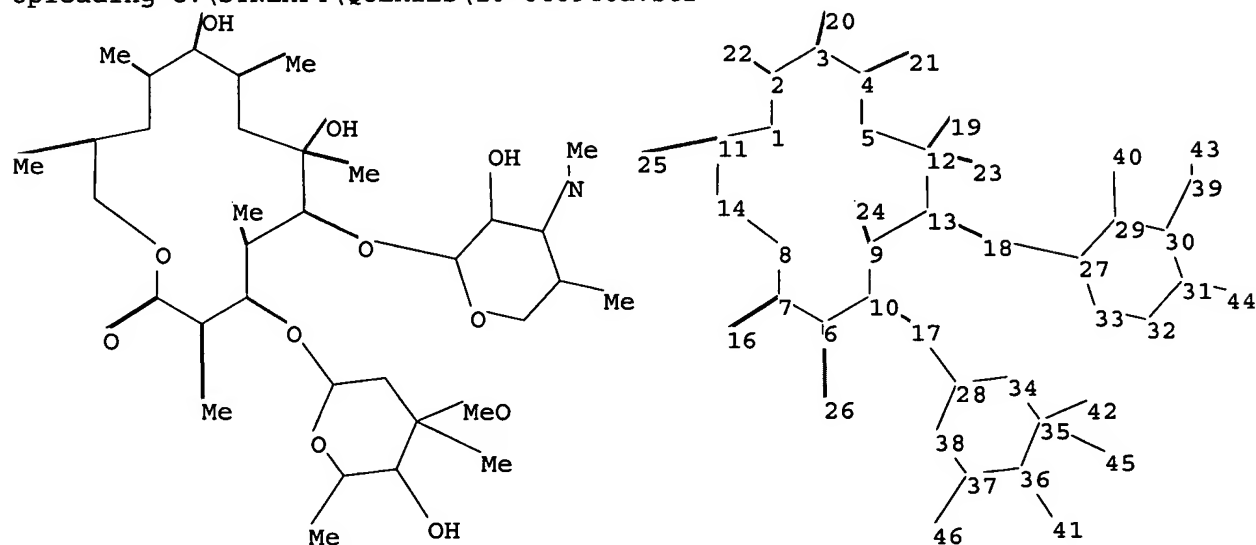SEARCH TIME: 00.00.01

L2   0 SEA SSS FUL L1

=>
Uploading C:\STNEXP4\QUERIES\10-648946a.str

chain nodes :

```
16  17  18  19  20  21  22  23  24  25  26  39  40  41  42  43  44  45  46
ring nodes :
1   2   3   4   5   6   7   8   9   10  11  12  13  14  27  28  29  30  31  32  33  34  35
36  37  38
chain bonds :
2-22   3-20   4-21   6-26   7-16   9-24   10-17   11-25   12-19   12-23   13-18   17-28   18-27
 29-40   30-39   31-44   35-42   35-45   36-41   37-46   39-43
ring bonds :
1-2   1-11   2-3   3-4   4-5   5-12   6-7   6-10   7-8   8-14   9-10   9-13   11-14   12-13
27-29   27-33   28-34   28-38   29-30   30-31   31-32   32-33   34-35   35-36   36-37   37-38
exact/norm bonds :
3-20   7-16   10-17   12-19   13-18   17-28   18-27   29-40   30-39   36-41
exact bonds :
1-2   1-11   2-3   2-22   3-4   4-5   4-21   5-12   6-7   6-10   6-26   7-8   8-14   9-10   9-13
9-24   11-14   11-25   12-13   12-23   27-29   27-33   28-34   28-38   29-30   30-31   31-32
31-44 . 32-33   34-35   35-36   35-42   35-45   36-37   37-38   37-46   39-43
isolated ring systems :
containing 1 : 27 : 28 :
```

```
Match level :
1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom   10:Atom
11:Atom   12:Atom   13:Atom   14:Atom   16:CLASS   17:CLASS   18:CLASS   19:CLASS
20:CLASS   21:CLASS   22:CLASS   23:CLASS   24:CLASS   25:CLASS   26:CLASS   27:Atom
28:Atom   29:Atom   30:Atom   31:Atom   32:Atom   33:Atom   34:Atom   35:Atom   36:Atom
37:Atom   38:Atom   39:CLASS   40:CLASS   41:CLASS   42:CLASS   43:CLASS   44:CLASS
45:CLASS   46:CLASS
```

```
L3        STRUCTURE UPLOADED

=>  s l3 ful
FULL SEARCH INITIATED 09:03:09 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1389 TO ITERATE

100.0% PROCESSED    1389 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

L4              0 SEA SSS FUL L3

=>
=>
=>
Uploading C:\STNEXP4\QUERIES\10-648946b.str
```
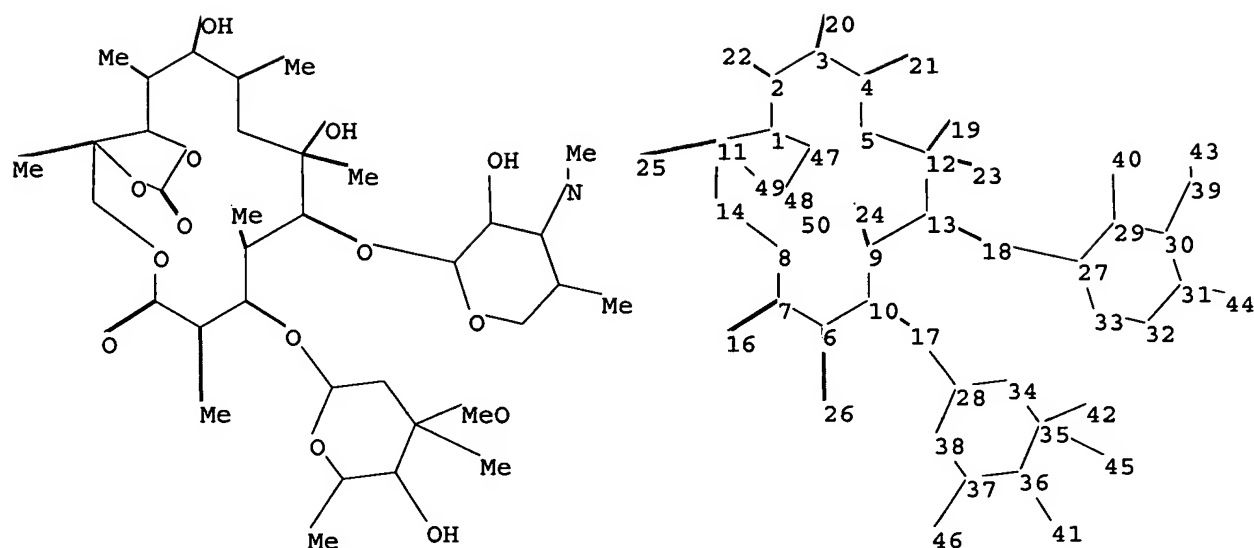
chain nodes :
16 17 18 19 20 21 22 23 24 25 26 39 40 41 42 43 44 45 46 50
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 27 28 29 30 31 32 33 34 35
36 37 38 47 48 49
chain bonds :
2-22 3-20 4-21 6-26 7-16 9-24 10-17 11-25 12-19 12-23 13-18 17-28 18-27
 29-40 30-39 31-44 35-42 35-45 36-41 37-46 39-43 48-50
ring bonds :
1-2 1-11 1-47 2-3 3-4 4-5 5-12 6-7 6-10 7-8 8-14 9-10 9-13 11-14
11-49 12-13 27-29 27-33 28-34 28-38 29-30 30-31 31-32 32-33 34-35 35-36
36-37 37-38 47-48 48-49
exact/norm bonds :
3-20 7-16 10-17 12-19 13-18 17-28 18-27 29-40 30-39 36-41 48-50
exact bonds :
1-2 1-11 1-47 2-3 2-22 3-4 4-5 4-21 5-12 6-7 6-10 6-26 7-8 8-14 9-10
9-13 9-24 11-14 11-25 11-49 12-13 12-23 27-29 27-33 28-34 28-38 29-30
30-31 31-32 31-44 32-33 34-35 35-36 35-42 35-45 36-37 37-38 37-46 39-43
47-48 48-49
isolated ring systems :
containing 1 : 27 : 28 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:Atom
28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom
37:Atom 38:Atom 39:CLASS 40:CLASS 4^{Page 6}S 42:CLASS 43:CLASS 44:CLASS
45:CLASS 46:CLASS 47:Atom 48:Atom 49:Atom 50:CLASS

```
L5        STRUCTURE UPLOADED

=> d
L5 HAS NO ANSWERS
L5              STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY -  AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.


=> s l5 ful
FULL SEARCH INITIATED 09:40:03 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -     29 TO ITERATE

100.0% PROCESSED      29 ITERATIONS                      0 ANSWERS
SEARCH TIME: 00.00.01

L6            0 SEA SSS FUL L5

=>

---Logging off of STN---



=>
Executing the logoff script...


=> LOG Y
```

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	519.68	519.89

STN INTERNATIONAL LOGOFF AT 09:52:03 ON 10 FEB 2005